



Gramin Krishi Mausam Sewa
Agromet Advisory Bulletin for NAINITAL District
Govind Ballabh Pant University of Agriculture & Technology
 Udham Singh Nagar, Pantnagar, Uttarakhand



Agromet Advisory Bulletin

Date : 2025-09-23

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-09-23 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-09-24	2025-09-25	2025-09-26	2025-09-27	2025-09-28
Rainfall(mm)	3.0	3.0	1.0	1.0	3.0
Tmax(°C)	24.0	24.0	23.0	23.0	24.0
Tmin(°C)	16.0	16.0	15.0	15.0	16.0
RH-I(%)	89	90	88	89	84
RH-II(%)	64	62	58	59	52
Wind Speed(kmph)	4	5	5	6	6
Wind Direction(Degree)	17	160	150	260	270
Cloud Cover(Octa)	2	2	1	0	2
Warning	No Warning	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

During the upcoming days the region is expected to experience light drizzle of 1-3 mm with maximum-minimum temperature of 23-24°C and 15-16°C, respectively. The wind is expected to blow from north-east, south-south-east, south-east-south, west-south and west direction with a speed of 4-6 kmph. No warning has been issued for the upcoming week. Very light to light rainfall has been predicted with thundershowers at isolated places on 23, 24, 28 and 29 September.

Weather Warnings (Valid Till 08:30 IST of the next day)

No warning

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

No significant impact.

General Advisory:

The farmers and other related community can download the "Mausam" app for regular weather information and rainfall alerts. Other apps like "Meghdoot" and "Damini" are also available for regular update of meteorological and lightning data, respectively. All the apps can be easily downloaded from Google Play Store (Android users) and App Centre (iOS users). The extended range forecast shows large deficient rainfall and normal maximum-minimum temperature trend during 19.09.2025 to 25.09.2025

SMS Advisory:

As per IMD forecast, no warning has been issued so all the farming activities can be scheduled in the upcoming week.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Panicle Initiation)	The rice crop is prone to disease/pest so chemical spray should be done to control the disease/pests in the crop. The chemical spray should be avoided under strong winds and the harvested mature rice varieties should be dried well before storage.
MAIZE (Vegetative)	In higher hills, monitor the crop properly and on cob formation apply light irrigation to maintain soil moisture. Blight should be controlled by applying chemical spray of Mancozeb or Zineb 75 WP @ 1. 5-2. 0 kg in 750- 800 litres of water per hectare and second spray can be applied at 10-15 days interval. The chemical application should be followed under clear weather conditions and avoided under strong winds. The early maize varieties should be harvested and dried well before storage.
FINGER MILLET (Panicle Initiation)	In late maturing varieties of millets, keep monitoring the crop as the stem borer harms the crop. For its prevention chemical spray should be done on the affected region under clear weather conditions and avoided under strong winds. The matured millet varieties should be harvested and dried well before storage.
PIGEON PEA (RED GRAM/ARHAR) (Pod formation)	As pods start forming, soil moisture should be maintained using light irrigation. In case the pod borer appear, pheromone should be applied to determine the pod borer population and if above ETL then use biological control measures. All the applications should ne done under clear weather and avoided under strong winds.
SOYABEAN (Pod formation)	Monitor the crop regularly and in case of occurrence of stem fly apply Chlorantraniliprole 18.5 SC @150 ml mixed in 700-800 litre of water. The application should be done under clear weather and avoided under strong winds.
BLACK GRAM (Pod Development)	The crop is in the vegetative stage so regular monitoring and weeding is required and light irrigation should be applied to maintain soil moisture under pod formation stage. The white fly population should be controlled using chemical spray and at maturity of pods, the crop should be harvested and dried well before storage.
GREEN GRAM (Pod Development)	The crop is in the vegetative stage so regular monitoring and weeding is required and light irrigation should be applied to maintain soil moisture under pod formation stage. The white fly population should be controlled using chemical spray and at maturity of pods, the crop should be harvested and dried well before storage.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAULIFLOWER (Seedling Growth)	In the transplanted crop light hoeing should be done and soil should be used to cover the roots.
CARROT (Germination)	After germination regular weeding should be done and plant to plant distance should be maintained.
RADISH (Germination)	In radish crop maintain soil moisture and apply irrigation as and when required. One irrigation should be given just after sowing and second irrigation on appearance of 3-4 leaves.
Faba bean/ Broad bean (Sowing)	Sowing can be taken up in this month and light irrigation can be applied to maintain soil moisture just after sowing.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	After 15 days calves should be fed with calcium, magnesium, phosphorus, zinc, iron, iodine and copper elements should be consumed in the form of salt mixture or mineral drops.
BUFFALO	To prevent 'footrot' disease, hooves should be dipped in 10% formalin solution or 5% blue solution for 2-3 minutes in the morning and evening for at least 3 days.

Live Stock	Live Stock Specific Advisory
GOAT	In rural areas, 2 shots of tetanus toxide should be administered to sheep and goats at one month and the other at 5 months, so that newborn lambs do not get tetanus disease.
SHEEP	In rural areas, 2 shots of tetanus toxide should be administered to sheep and goats at one month and the other at 5 months, so that newborn lambs do not get tetanus disease.

Likely impacts of weather warnings (General)

No impact

Impact based advisories (General)

No advisory as no significant impact is expected.

Farmers are advised to download Unified “Mausam” and "Meghdoot" android application on mobile for Weather forecast and weather based Agromet Advisories and "Damini" android application for forecast of Thunderstorm and lightening.

Mausam MobileApp link: <https://play.google.com/store/apps/details/>

Meghdoot MobileApp link: <https://play.google.com/store/apps/details>

Damini MobileApp link : <https://play.google.com/store/apps/details>